

## SECTION 7

## OTHER OUTPUT

**7.1 Introduction:** Queries and various reports generated by SPECS are discussed in this section.

**7.2 Performance Measures:** Provides the information used in DCMC Software Surveillance Performance Measures, which is presented at various levels throughout DCMC in Monthly Management Reviews (MMRs).

SOFTWARE PERFORMANCE MEASURES

SOFTWARE PERFORMANCE MEASURES

**REPORT GENERATED FOR:**

**Time Period**

**CAO Selection**

**Facility Selection**

10/ 1997 - 4/ 1998 (up to but not including day 1 of end month)

WGS

CDS, GA, ASI, GDE SYSTEMS INC, GENERAL ATOMICS, HUGHES, IDP, LOGICOM, LORAL, MAXWELL, OCEAN PROSPECTS, PALOMAR PROD, RAYTHEON, SAIC DUMMY/I, SAIC-CP, SAIC-WR-JM, SAIC-WR-MK, SAIC-WR-RH, SPS, TEAM D

COMMENTS		SRA	PD	DD	C&UT	SW ACC	SYS ACC	TOTAL
#MAJOR GEN		92	1	9	50	8	0	160
#MAJOR ACC		85	7	8	31	2	0	133
#MINOR GEN		95	1	3	83	7	8	197
#MINOR ACC		96	5	3	36	5	7	152

COST AVOIDANCE		SRA	PD	DD	C&UT	SW ACC	SYS ACC	TOTAL
PROCESS		0	0	0	0	0	0	0
PRODUCT		0	0	0	0	0	0	0
ACTIVITY		0	0	0	0	0	0	0
CORPORATE		0	0	0	0	0	0	0

TASK COUNTS		SRA	PD	DD	C&UT	SW ACC	SYS ACC	TOTAL
TASK #'S		132	4	31	108	30	10	315

**Run Query** **Print** **Close**

CAO Total \$ **751,192,500**

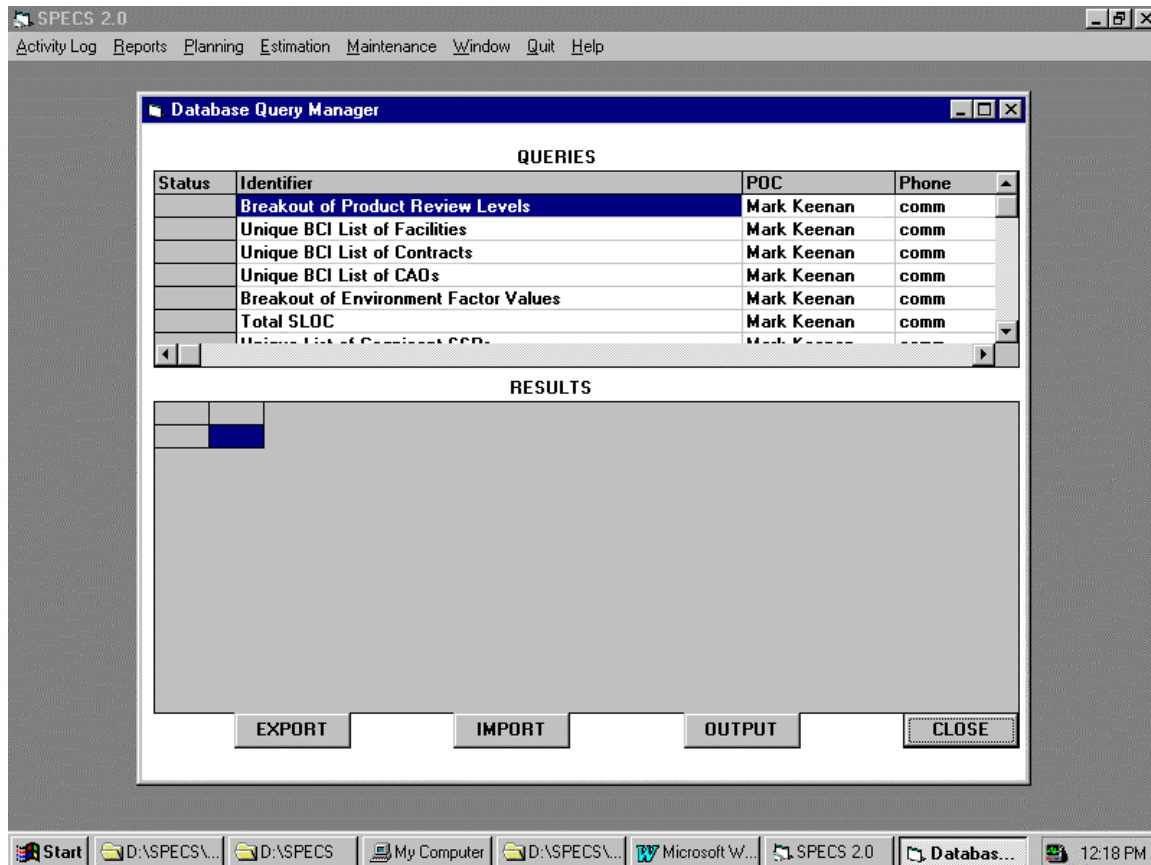
CAO Total SLOC **14,393,320**

- a. **Opening and using the Performance Measures Window:** From the SPECS top line menu select "Reports" and then "Performance Measures". The Performance Measures Window looks similar to the previous version of SPECS with the addition of the "CAO Total \$" and "CAO Total SLOC" (see screen above). The new fields were added to match Automated Metric System (AMS)-Software Surveillance screens. The three buttons on the top left; Time Period, CAO Selection, and Facility Selection should be used to develop the criteria needed for your Performance Measures run. Once you have the criteria set use the "Run Query" button to get the results. The results are labeled COMMENTS and COST AVOIDANCE. The COMMENTS results are the accumulative comments for the time period selected. The COST AVOIDANCE results are only for the last month of the time period selected.

*Example:*

*If the Time period was selected for fiscal year 1997, the COMMENTS would be the cumulative comments of 12-month period while the cost avoidance data would only be for September 1997.*

**7.3 Queries:** SPECS has a built in feature to load a selection of queries supplied from another user or the SPECS Board. There is also a capability to export your list of queries to other users. The screen below is the query screen, and it is accessed by the top line menu by selecting Reports, then Queries.



- Once in the Query screen, you may view the queries by scrolling both horizontally and vertically using the scroll bars provided. Each line has query information, from left to right on: status (working or done); identifier or title; POC (person with the information to answer questions on the nature and uses of the query); POC phone number; date the query was added; Email address of the POC; number of times the query has been used; category for the query and finally a brief description of the query's purpose.
- To execute any query, highlight the desired query and then right click on it. You will see "working" in the status column, followed by "done". At this time, the table containing the query's result will display in the RESULTS window.
- Once the results are displayed, you may sort the data in each column by double click on that column. The first sort is ascending and another double click gives a descending sort.

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- d. The Export button on the bottom of the screen causes a table to be written to disk with all query information as displayed in the top half of the screen. The filename will be EXPSQL.MDB.
  - e. The Import button causes the same filename to be brought into SPECS and replaces the existing query table. In this way, queries can be moved between users. Distribution of revised query lists will be coordinated by the DCMC Software Center. Users may request queries to be included in this distribution.
  - f. The Output Button causes the query results to be written to a text file. The first file name is RES1.TXT, and this name is numerically incremented each time a new result is stored. (E.g.: RES2.TXT, RES3.TXT, etc.)
  - g. The close button returns you to the SPECS screen originally open.

**7.3 Other Outputs:** The other reports available were briefly charted in the Getting Started Section. Here is that table again for ready reference.

Title	Format	Purpose	Where to find it
Performance Measures	FILE and Printout	Metrics	Reports, Performance Measures
MCONX.TXT	FILE	Contract Estimate	Estimation, Contracts, Output
PLAN.TXT	FILE	Surveillance Plan	Reports, Surveillance Plan Output
RESX.TXT	FILE	Query Results	Reports, Queries, Output
ESTX.TXT	FILE	Facility Estimates	Estimate, Facility, Output
ESTX.TXT	FILE	CAO Estimates	Estimate, CAO, Output
EXPSQL.MDB	DATABASE	Export SQL list	Queries, Export
CCX.TXT	FILE	Effort Changes	Planning, BCI, Contract Effort Chgs
BCI Screen	Printout	One BCI entry	Planning, Select, Print
Activity Log Screen	Printout	One log entry	Activity Log, Select, Print

- a. These reports show extensive information on the CAO, Facility and Contract work breakout. This information is contained in MCONX.TXT and ETSX.PLAN.
- b. Additionally, for the first time SPECS now produces a Surveillance Plan output. This is meant to compliment a more detailed surveillance plan as an Appendix. However, it could also be expanded by detailed information of perceived risks and surveillance strategies. This is contained in PLAN.TXT.
- c. The query result, as noted above, is contained in RESX.TXT and an import or export file for the queries is in EXPSQL.MDB
- d. SPECS tracks all changes to SLOC, Contract Dollar Value and Final Delivery Date. This data can be produced as a report and is titled CCX.TXT
- e. Finally, both the BCI data and the Activity Log data may be printed out directly by buttons on their respective windows.